# Powering AI Initiatives in Academia

## Why choose Nexis Data as a Service for Academic Research?

Connect your university to a vast text-based source universe that is ideal for training, testing, and validating data science projects, particularly natural language processing (NLP), machine learning, and advanced analytics.

Volume isn't the only advantage Nexis Data as a Services brings to the table. The data we aggregate goes through a normalization and enrichment process that add value by helping users spend less time wrangling data and more time running experiments with it.

How can you tap into this data? Nexis Data as a Service offers flexible API options to connect you to the datasets you need—Bulk, Search & Retrieve, and Constant Call.

**Petabytes of semi-structured, XML data**

**125 Descriptive Metadata Tags**

**7000 Unique Subject & Industry Topics**

**APIs Suited to Various Needs**

Universities can take advantage of a variety of data sets available through Nexis Data as a Service, spanning news, business, and legal data. Let's take a closer look:

| | |
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| **80,000+ Global News Sources** | |
| **75 Languages** | |
| **100+ Countries** | |
| **40+ Year Data Archive** | |

## News

- Leading Daily Newspapers
- Radio & Television Broadcast Transcripts
- Online News
- Magazines & Trade Journals
- Newswires & Press Releases
- Industry & Thought Leader Blogs
- Social Commentary

Our news data is complemented by data ideal for a variety of business use cases—just what many academic-corporate collaborations require.

## Business

- Company Profiles
- Corporate Hierarchies
- Company Financials
- M&A News
- Manufacturing & Shipping Data

## Legal

- Global Treatises
- U.S. Court Dockets
- PEPs, Sanctions & Watchlists
- Intellectual Property & Patents Data

# Data for moving from theory to insight

Data scientists are in high demand and universities worldwide are stepping up to the challenge. Undergraduate and advanced degree candidates are exploring the potential of artificial intelligence (AI) and big data for solving a wide range of academic, business, and societal problems.

These efforts require quality data—a lot of it. Nexis® Data as a Service provides a wealth of smart data for use in AI projects, enabling users to:

- Mine political discourse in the news to identify emerging issues or voting patterns.
- Conduct semantic analysis of news to evaluate social issues, such as gender bias in reporting.
- Develop simulation algorithms that predict trends based on past events.

- Train machine learning algorithms to reliably predict corporate performance based on corporate financials, and news coverage.
- Build innovative AI models to capture performance-enhancing insights identity and combat fake news and more.

## Contact your LexisNexis® consultant to learn more.

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